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Subsurface Correlation in Iowa

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THE OCCURRENCE OF GYPSUM IN MISSISSIPPIAN FORMATIONS OF IOWA

A. C. TESTER

During the last three years several new deep wells have been drilled in Iowa and accurate sets of well cuttings have been studied. This material indicates the presence of bedded gypsum both in the forms of selenite and anhydrite in formations below the Ste. Genevieve and above the Kinderhook. It is suggested that the horizon is a part of the Warsaw formation and represents an interior saline basin of central Iowa. The details of the well logs of the intervals involved are included in the discussion.

STATE UNIVERSITY OF IOWA,
IOWA CITY, IOWA.

SUBSURFACE CORRELATION IN IOWA

A. C. TESTER

Much new information concerning the underground geology of Iowa is being accumulated by the Iowa Geological Survey. Greater enthusiasm on the part of well contractors, municipalities, and the public in general has made it possible to obtain and study accurate sets of well cuttings from several widely distributed deep wells. The record and correlation of formations encountered in wells at Fort Dodge, Jefferson, Lenox, Ottumwa, Clinton, Dubuque, and Decorah are discussed in this paper. By the more detailed studies possible at this time, correlations of several key members have been made.

STATE UNIVERSITY OF IOWA,
IOWA CITY, IOWA.

NEW QUARRIES IN MADISON COUNTY

MRS. ARTHUR GOSHORN

Opening new quarries at convenient points, Madison County has covered nearly 100 miles of county roads with crushed rock. The towns of St. Charles, Patterson and Winterset have their own crushers and are covering their streets and alleys with rock from quarries near by. Winterset's quarry is inside the city limits.